

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 8    | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and gallstones) and catheter) and sphincter  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:14 |
| S2    | 31   | ("0518600"   "2715899"   "2854983"   "3108593"   "4271839"   "4273128"   "4295464"   "4484579"   "4561439"   "4627837"   "4690138"   "4696668"   "4734094"   "4758221"   "4781677"   "4798586"   "4811735"   "4813930"   "4909781"   "4911163"   "5024617"   "5035696"   "5053044"   "5078722"   "5087265"   "5152771"   "5152772"   "5181920"   "5195955"   "5250060"   "5395311").PN. | USPAT  | OR               | OFF     | 2002/11/30 14:15 |
| S3    | 6    | "5547469".URPN.   | USPAT  | OR               | OFF     | 2004/07/28 14:46 |
| S4    | 10   | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and sphincterotomy  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:24 |
| S5    | 0    | "20020095168".URPN.   | USPAT  | OR               | OFF     | 2002/11/30 14:24 |
| S6    | 90   | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and biliary   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:27 |
| S7    | 313  | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and RF  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2003/04/30 14:00 |
| S8    | 244  | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and RF) and frequency  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:27 |
| S9    | 171  | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and RF) and frequency) and wire  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:28 |
| S10   | 115  | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and RF) and frequency) and wire) and catheter  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:30 |
| S11   | 93   | (606/129).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR               | OFF     | 2002/11/30 14:31 |
| S12   | 259  | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and electrosurgical   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:32 |
| S13   | 153  | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and electrosurgical) and wire  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:32 |
| S14   | 95   | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and electrosurgical) and wire) and lumen   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR               | OFF     | 2002/11/30 14:34 |
| S15   | 746  | (606/159).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR               | OFF     | 2002/11/30 14:34 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S16 | 436 | ((((606/159).CCLS.) and catheter) and cutting  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/11/30 14:35 |
| S17 | 7   | ((((606/159).CCLS.) and catheter) and cutting) and sphincter   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/11/30 14:35 |
| S18 | 34  | ("0518600"   "2715899"   "2854983"   "3108593"   "4271839"  <br>"4273128"   "4295464"   "4484579"   "4561439"  <br>"4627837"   "4690138"   "4696668"   "4705041"   "4734094"  <br>"4758221"   "4781677"   "4798586"   "4811735"  <br>"4813930"   "4909781"   "4911163"   "4979951"   "5024617"  <br>"5035696"   "5053044"   "5078722"   "5087265"  <br>"5152771"   "5152772"   "5181920"   "5195955"   "5250060"  <br>"5395311"   "5547469").PN. | USPAT  | OR | OFF | 2002/11/30 14:36 |
| S19 | 7   | ("5057114"   "5064428"   "5176688"   "5342371"   "5860972"  <br>"6015415"   "6174318").PN.   | USPAT  | OR | OFF | 2002/11/30 14:37 |
| S20 | 23  | ((((606/39) or (606/127) or (606/128) or (606/167) or<br>(606/170) or (604/22)).CCLS.) and duodenum  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/11/30 14:38 |
| S21 | 64  | (((((606/39) or (606/127) or (606/128) or (606/167) or<br>(606/170) or (604/22)).CCLS.) and handle) and rotate) and<br>ratchet   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/11/30 14:56 |
| S22 | 349 | (((((606/39) or (606/127) or (606/128) or (606/167) or<br>(606/170) or (604/22)).CCLS.) and handle) and lock   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/11/30 14:57 |
| S23 | 74  | (((((606/39) or (606/127) or (606/128) or (606/167) or<br>(606/170) or (604/22)).CCLS.) and handle) and lock) and<br>catheter  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/11/30 14:57 |
| S24 | 0   | "20020095168".URPN.  | USPAT  | OR | OFF | 2002/11/30 14:58 |
| S25 | 188 | ((604/107) or (604/108) or (604/109)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2002/12/01 14:23 |
| S26 | 24  | (((((604/107) or (604/108) or (604/109)).CCLS.) and catheter)<br>and handle  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:24 |
| S27 | 1   | "3397699".PN.  | USPAT  | OR | OFF | 2002/12/01 14:29 |
| S28 | 1   | "3397699".PN.  | USPAT  | OR | OFF | 2002/12/01 14:29 |
| S29 | 22  | "4228802".URPN.  | USPAT  | OR | OFF | 2002/12/01 14:29 |
| S30 | 68  | (((((604/107) or (604/108) or (604/109)).CCLS.) and catheter   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:36 |
| S31 | 30  | (((((604/107) or (604/108) or (604/109)).CCLS.) and rotate   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:36 |
| S32 | 69  | ((((606/39) or (606/127) or (606/128) or (606/167) or<br>(606/170) or (604/22)).CCLS.) and gallstones  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:38 |

## EAST Search History

|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S33 | 31   | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and gallstones) and handle   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:42 |
| S34 | 1256 | ((606/106) or (606/108) or (606/110) or (606/113)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2002/12/01 14:43 |
| S35 | 732  | ((((606/106) or (606/108) or (606/110) or (606/113)).CCLS.) and catheter  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:43 |
| S36 | 45   | (((((606/106) or (606/108) or (606/110) or (606/113)).CCLS.) and catheter) and handle) and wire) and rotate   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:43 |
| S37 | 172  | (((((606/106) or (606/108) or (606/110) or (606/113)).CCLS.) and catheter) and handle) and wire   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:47 |
| S38 | 217  | (((((606/106) or (606/108) or (606/110) or (606/113)).CCLS.) and catheter) and handle   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2002/12/01 14:59 |
| S39 | 517  | (600/567).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2002/12/01 15:00 |
| S40 | 26   | ("0931327"   "2198666"   "D149843"   "2709600"   "2919692"   "3628524"   "4187607"   "4262676"   "4838282"   "4938743"   "4967435"   "4995872"   "5086674"   "5178267"   "5368046"   "D358645"   "5423824"   "5480166"   "5494382"   "5522398"   "5575794"   "5762639"   "5910197"   "5943924"   "D439980"   "D449691").PN. | USPAT  | OR | OFF | 2002/12/01 15:00 |
| S41 | 0    | "6468279".URPN.   | USPAT  | OR | OFF | 2002/12/01 15:03 |
| S42 | 7    | ("2496111"   "2850007"   "3001522"   "3175554"   "3598108"   "3628524"   "3995619").PN.   | USPAT  | OR | OFF | 2002/12/01 15:03 |
| S43 | 31   | "4262676".URPN.   | USPAT  | OR | OFF | 2002/12/01 15:03 |
| S44 | 25   | ("3605721"   "3990451"   "4258722"   "4262676"   "4266555"   "4315511"   "4356828"   "4461305"   "4576162"   "4651752"   "4653496"   "4745919"   "4785826"   "4798213"   "4881550"   "4926877"   "4932417"   "4935025"   "5005585"   "5040542"   "5074311"   "5133360"   "5148813"   "5267572"   "5271414").PN.             | USPAT  | OR | OFF | 2002/12/01 15:04 |
| S45 | 4    | ((("5638362") or ("5599300"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2003/04/30 13:42 |
| S46 | 4    | ((("5638362") or ("5599300"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2003/04/30 13:42 |
| S47 | 4    | ("2854983"   "5053044"   "5152772"   "5181920").PN.   | USPAT  | OR | OFF | 2003/04/30 13:42 |
| S48 | 6    | "5683362".URPN.   | USPAT  | OR | OFF | 2003/04/30 13:43 |
| S49 | 16   | "5599300".URPN.   | USPAT  | OR | OFF | 2003/04/30 13:45 |

## EAST Search History

|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S50 | 29   | ("4033331"   "4641654"   "4838269"   "5061273"   "5358509"   "5366464"   "5397302"   "5398687"   "5536248"   "5599299"   "5599300"   "5599324"   "5628761"   "5697948"   "5766191"   "5788681"   "5800444"   "5843028"   "5843091"   "5868698"   "5921971"   "6007522"   "6017340"   "6106487"   "6129697"   "6152910"   "6176843"   "6228052"   "6248092"   "2002/0052638").PN. | USPAT  | OR | OFF | 2003/04/30 13:56 |
| S51 | 214  | (606/113).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2003/04/30 14:00 |
| S52 | 138  | ((606/113).CCLS.) and wire   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:01 |
| S53 | 63   | ((((606/113).CCLS.) and wire) and lumen  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:01 |
| S54 | 11   | ("4311143"   "4326530"   "4493320"   "4682967"   "4905691"   "5026371"   "5071419"   "5078716"   "5080660"   "5084054"   "5085659").PN.  | USPAT  | OR | OFF | 2003/04/30 14:02 |
| S55 | 6    | ("5108406"   "5234439"   "5336227"   "5397320"   "5423830"   "5535759").PN.  | USPAT  | OR | OFF | 2003/04/30 14:04 |
| S56 | 9    | "5906620".URPN.  | USPAT  | OR | OFF | 2003/04/30 14:04 |
| S57 | 7    | "5547469".URPN.  | USPAT  | OR | OFF | 2003/04/30 14:07 |
| S58 | 3549 | ((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT | OR | OFF | 2003/04/30 14:21 |
| S59 | 92   | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and steerable  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:21 |
| S60 | 75   | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and steerable) and catheter  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:21 |
| S61 | 71   | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and steerable) and catheter) and wire   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:22 |
| S62 | 623  | ((606/159).CCLS.) and catheter   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:27 |
| S63 | 44   | (((((606/159).CCLS.) and catheter) and wire) and steerable   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:30 |
| S64 | 1    | "6090118".URPN.  | USPAT  | OR | OFF | 2003/04/30 14:29 |
| S65 | 1386 | electrosurgical and wire   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT           | OR | OFF | 2003/04/30 14:41 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S66 | 80   | ((electrosurgical and wire) and catheter) and handle) and rotatable   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT    | OR | OFF | 2003/04/30 14:34 |
| S67 | 0    | "20020095168".URPN.   | USPAT                                     | OR | OFF | 2003/04/30 14:33 |
| S68 | 313  | ((electrosurgical and wire) and catheter) and handle  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT    | OR | OFF | 2003/04/30 14:34 |
| S69 | 508  | (electrosurgical and wire) and catheter   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT    | OR | OFF | 2003/04/30 14:42 |
| S70 | 65   | ("1207479"   "4033331"   "4181131"   "4245624"   "4753223"   "4826087"   "5041085"   "5098412"   "5156151"   "5263493"   "5273535"   "5306245"   "5368592"   "5370675"   "5399165"   "5415656"   "5437665"   "5439006"   "5482037"   "5487385"   "5487757"   "5500012"   "5549661"   "5571038"   "5637090"   "5672174"   "5702368"   "5702438"   "5709224"   "5730127"   "5733280"   "5738683"   "5782899"   "5800482"   "5800484"   "5820591"   "5836947"   "5863291"   "5879295"   "5895417"   "5910129"   "5938660"   "5971983"   "6012457"   "6016811"   "6033403"   "6048329"   "6064902"   "6071274"   "6071279"   "6071281"   "6120500"   "6152920"   "6164283"   "6171275"   "6171306"   "6203525"   "6214002"   "6217528"   "6237605"   "6290699"   "6311692"   "6314962"   "6314963"   "6332880").PN. | USPAT                                     | OR | OFF | 2003/04/30 14:45 |
| S71 | 12   | ("3452740"   "3503385"   "3552384"   "4245624"   "4733669"   "4799496"   "4807626"   "4815478"   "4824435"   "4886067"   "4921482"   "4976691").PN.   | USPAT                                     | OR | OFF | 2003/04/30 14:47 |
| S72 | 1547 | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and handle  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT    | OR | OFF | 2003/08/21 13:32 |
| S73 | 38   | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and handle) and visual) and indicator  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | OFF | 2003/08/21 13:32 |
| S74 | 234  | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and handle) and visual   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | OFF | 2003/08/21 13:33 |
| S75 | 21   | "5599300".URPN.   | USPAT                                     | OR | OFF | 2003/08/21 13:40 |
| S76 | 21   | "5599300".URPN.   | USPAT                                     | OR | OFF | 2003/08/21 13:40 |
| S77 | 5    | ("5167239"   "5224931"   "5336176"   "5423809"   "5425705").PN.   | USPAT                                     | OR | OFF | 2003/08/21 13:40 |
| S78 | 5    | ("5167239"   "5224931"   "5336176"   "5423809"   "5425705").PN.   | USPAT                                     | OR | OFF | 2003/08/21 13:40 |
| S79 | 1    | ("5176702").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2003/08/22 08:53 |
| S80 | 9    | ("0823155"   "1052482"   "1094536"   "1106518"   "3433093"   "3470872"   "4483562"   "4896661"   "4896678").PN.   | USPAT                                     | OR | OFF | 2003/08/22 08:53 |
| S81 | 50   | "5176702".URPN.   | USPAT                                     | OR | OFF | 2003/08/22 08:54 |
| S82 | 47   | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and gallstones) and catheter   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT    | OR | OFF | 2004/01/09 12:49 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S83 | 29   | ("4033331"   "4641654"   "4838269"   "5061273"   "5358509"   "5366464"   "5397302"   "5398687"   "5536248"   "5599299"   "5599300"   "5599324"   "5628761"   "5697948"   "5766191"   "5788681"   "5800444"   "5843028"   "5843091"   "5868698"   "5921971"   "6007522"   "6017340"   "6106487"   "6129697"   "6152910"   "6176843"   "6228052"   "6248092"   "2002/0052638").PN. | USPAT   | OR | ON  | 2004/01/09 12:51 |
| S84 | 0    | "6533782".URPN.  | USPAT   | OR | ON  | 2004/01/09 12:52 |
| S85 | 586  | ((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and handle) and rotate   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                | OR | OFF | 2004/01/09 12:56 |
| S86 | 215  | (((((606/39) or (606/127) or (606/128) or (606/167) or (606/170) or (604/22)).CCLS.) and handle) and rotate) and lock  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 12:58 |
| S87 | 1480 | (604/22).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/01/09 12:58 |
| S88 | 666  | ((604/22).CCLS.) and lumen   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 12:58 |
| S89 | 528  | ((((604/22).CCLS.) and lumen) and wire   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 12:58 |
| S90 | 203  | (((((604/22).CCLS.) and lumen) and wire) and handle  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:17 |
| S91 | 7391 | lock and catheter  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:18 |
| S92 | 2    | ((lock and catheter) and lumen) and lumen  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:18 |
| S93 | 4114 | (lock and catheter) and lumen  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:18 |
| S94 | 1673 | ((lock and catheter) and lumen) and rotation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:18 |
| S95 | 1269 | ((((lock and catheter) and lumen) and rotation) and wire   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:19 |
| S96 | 1269 | (((((lock and catheter) and lumen) and rotation) and wire) and catheter  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:22 |
| S97 | 742  | (((((lock and catheter) and lumen) and rotation) and wire) and catheter) and locking   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:22 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S98      | 361  | (((((lock and catheter) and lumen) and rotation) and wire) and catheter) and locking) and cutting   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:23 |
| S99      | 75   | ("1613373"   "1650959"   "1680491"   "2022065"   "2433705"   "2918917"   "3005452"   "3091235"   "3195536"   "3373736"   "3598113"   "3643654"   "3677262"   "3709214"   "3726272"   "3760797"   "3766909"   "3771514"   "3776222"   "3830225"   "3850162"   "3884222"   "3913568"   "3916881"   "3941120"   "3948251"   "4063561"   "4085742"   "4086919"   "4122856"   "4126127"   "4146019"   "4270575"   "4319563"   "4329983"   "4336794"   "4337761"   "4344419"   "4402310"   "4408598"   "4437458"   "4517962"   "4527553"   "4580556"   "4592343"   "4598698"   "4616630"   "4617915"   "4694826"   "4742819"   "4779612"   "4832020"   "4838245"   "4846153"   "4886049"   "4905669"   "4930495"   "4947829"   "5003963"   "5016614"   "5042469"   "5095888"   "5131380"   "5152277"   "5174283"   "5183031"   "5184603"   "5203320"   "5257620"   "5257636"   "5263472"   "5263478"   "5285778"   "5287848"   "5363838").PN. | USPAT   | OR | ON  | 2004/01/09 13:26 |
| S10<br>0 | 8    | "5840013".URPN.   | USPAT   | OR | ON  | 2004/01/09 13:29 |
| S10<br>1 | 575  | ((((606/159).CCLS.) and catheter) and wire  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                | OR | OFF | 2004/01/09 13:31 |
| S10<br>2 | 362  | ((((606/159).CCLS.) and catheter) and wire) and rotation  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:31 |
| S10<br>3 | 298  | (((((606/159).CCLS.) and catheter) and wire) and rotation) and cutting  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:31 |
| S10<br>4 | 278  | (((((606/159).CCLS.) and catheter) and wire) and rotation) and cutting) and lumen   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/09 13:31 |
| S10<br>5 | 25   | "5599300".URPN.   | USPAT   | OR | ON  | 2004/01/09 13:47 |
| S10<br>6 | 0    | ("6676659").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/01/09 14:20 |
| S10<br>7 | 1488 | (604/22).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/01/20 14:19 |
| S10<br>8 | 204  | ((604/22).CCLS.) and guidewire  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/20 14:19 |
| S10<br>9 | 202  | ((((604/22).CCLS.) and guidewire) and lumen   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/20 14:19 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S11<br>0 | 110  | (((((604/22).CCLS.) and guidewire) and lumen) and cutting  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/20 14:30 |
| S11<br>1 | 13   | ("3320957"   "4020847"   "4627436"   "4653496"   "4669469"<br>  "4685458"   "4745919"   "4772258"   "4850957"  <br>"4857046"   "4979951"   "4986807"   "5074841").PN.  | USPAT   | OR | ON  | 2004/01/20 14:21 |
| S11<br>2 | 78   | "4020847".URPN.  | USPAT   | OR | ON  | 2004/01/20 14:22 |
| S11<br>3 | 48   | (((((604/22).CCLS.) and guidewire) and lumen) and slot   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/01/20 14:30 |
| S11<br>4 | 43   | ("4750902"   "3352303"   "3433226"   "3526219"   "3565062"<br>  "3589363"   "3618594"   "3823717"   "3861391"  <br>"3896811"   "4188952"   "4214586"   "4223676"   "4366819"<br>  "4431006"   "4587958"   "4587972"   "4589419"  <br>"4665906"   "4692139"   "4799496"   "4800876"   "4808153"<br>  "4821731"   "4841977"   "4844092"   "4870953"  <br>"4898575"   "4917097"   "4919133"   "4920954"   "4924863"<br>  "4936281"   "4957111"   "4960411"   "4967653"  <br>"4967753"   "4979939"   "4988356"   "5058570"   "5061238"<br>  "5069664"   "5076276"   "5100423").PN. | USPAT   | OR | ON  | 2004/01/20 14:41 |
| S11<br>5 | 51   | "5342292".URPN.  | USPAT   | OR | ON  | 2004/01/20 14:42 |
| S11<br>6 | 2    | ("6676659").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/07/28 14:51 |
| S11<br>7 | 889  | ((606/45) or (606/47)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/07/28 14:51 |
| S11<br>8 | 514  | ((((606/45) or (606/47)).CCLS.) and handle   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/07/28 14:51 |
| S11<br>9 | 194  | (((((606/45) or (606/47)).CCLS.) and handle) and rotation  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/07/28 14:52 |
| S12<br>0 | 166  | (((((606/45) or (606/47)).CCLS.) and handle) and rotation)<br>and wire   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/07/28 14:52 |
| S12<br>3 | 1    | ("6676659").PN.  | USPAT   | OR | OFF | 2006/07/21 11:37 |
| S12<br>4 | 39   | ("5599300").URPN.  | USPAT   | OR | ON  | 2006/07/21 11:46 |
| S12<br>5 | 5718 | ((606/47) or (606/167) or (602/22) or (128/898)).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | OFF | 2006/07/21 12:08 |
| S12<br>6 | 1670 | S125 and catheter  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON  | 2006/07/21 12:08 |
| S12<br>7 | 640  | S126 and handle  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON  | 2006/07/21 12:09 |



## EAST Search History

|          |     |                  |                                 |    |    |                  |
|----------|-----|------------------|---------------------------------|----|----|------------------|
| S12<br>8 | 503 | S127 and wire    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/07/21 12:09 |
| S12<br>9 | 38  | S128 and biliary | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/07/21 12:10 |